

1961 A.I.A. File No. 12-C-3

REYNOLDS ALUMINUM WAREHOUSED COPINGS AND GRAVEL STOPS



Reynolds Aluminum in Modern Architecture



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SUGGESTED ARCHITECTURAL SPECIFICATIONS COPINGS—GRAVEL STOPS

(Note: Aluminum Copings or Gravel Stops should be specified under roofing and sheet metal work.)

LONG FORM

1. General Conditions "The General Conditions of the Contract for the Construction of Buildings," a standard form of the American Institute of Architects, current edition (and Supplementary General Conditions), are part of this specification.

2. Scope of the Work Furnish labor, materials, equipment necessary to install aluminum copings or gravel stops indicated on drawings or herein specified.

Furnish all parts, fasteners, accessories and miscellaneous devices necessary for complete fabrication, assembly, erection and installation. Provide protective coatings.

Provide materials and labor for caulking, sealing and fastening as required by this section. Do final cleaning of aluminum copings or gravel stops.

MATERIALS—Aluminum sections specified in this section shall be 6063—T42 alloy and temper (unless otherwise noted) as manufactured by Reynolds Metals Company, Richmond 18, Virginia.

FURNISH—(Specify by name, section no., alloy, temper, finish, color and dimensions all items not specified on drawings.)

3. Installation, Erection, Workmanship

SAMPLES—Submit samples of each material representative of color, finish, texture and quality according to article of General Conditions.

EXPANSION AND CONTRACTION—Aluminum work shall be fabricated, anchored and fastened so as to provide for adequate expansion and contraction without causing undue stresses or deformation. (NOTE: Architectural alloys will expand about 5/32" per 10' of length for 100 degree F temperature rise.)

Locate and construct expansion joints so as to prevent cumulative expansion and maintain watertightness.

4. Dissimilar Material Metals—Protect aluminum at contact with metals other than stainless steel or zinc by (1) one heavy brush coat primer of zinc chromate in synthetic resin vehicle and two coats of aluminum metal and masonry paint; or (2) a heavy brush coat of alkali-resistant bituminous paint; or (3) a non-porous tape or gasket.

Masonry, Concrete, Plaster—Protect aluminum at contact with masonry, concrete, plaster by a heavy brush coat of (1) alkali-resistant bituminous paint; or (2) clear Methacrylate lacquer.

Wood—Protect aluminum at contact to wood exposed to repeated wetting or treated wood (if non-compatible preservatives are used) by (1) a heavy brush coat of aluminum pigment bituminous paint; or (2) two coats of aluminum metal and masonry paint. Caulk joints.

(NOTE: Consult paint manufacturers for data on paints and protective coatings.)

Drainage from other metals—(Design should preclude situations which will necessitate drainage from dissimilar metals onto exposed surface of aluminum.) Paint dissimilar metals where drainage is onto or across or through aluminum materials.

5. Fabrication Aluminum work shall be fabricated by skilled mechanics experienced in performing highest quality work. Work shall be free of blemishes, tool marks, burrs, scars, abrasions or other defects which may impair its strength or durability or adversely affect its appearance. Edges shall be smooth, profiles sharp, and finish uniform in texture and color. Joints, welds and intersections shall be properly made and fitted.

6. Erection Installations Aluminum copings and gravel stops shall be erected and installed plumb, level, square and in proper alignment. Work shall be free of waves, buckles or other defects. Blocking shall be installed plumb, level, square and in proper alignment to permit proper installation of copings and gravel stops.

Inspect supporting structure or other work affecting alignment of aluminum. Make such corrections as necessary before beginning installation or erection of aluminum work.

7. Protection Aluminum work shall be protected from abuse or accidental damage during shipment, erection, installation and during construction of adjacent work. Protection shall be accomplished by proper crating and packaging, application of removable masking tape and where these methods are not practical by the use of a heavy coat of petroleum jelly.

All damaged work shall be replaced immediately within the scope of the General Conditions.

8. Cleaning Clean all aluminum work by removing protective tape and other coating. Use mild soap or detergents and clear petroleum spirits. Acids, caustics and abrasives shall not be used. Steel wool shall not be used. Where cleaners are used to remove excess sealing compounds, care shall be exercised to prevent damage to seals. Staining of, or damage to, adjacent work shall be prevented.

9. Miscellaneous Screws used for fastening these sections shall be of aluminum.

SHORT FORM

Contractor shall furnish and install Reynolds Aluminum (Coping Section No.) (Gravel Stop Section No.) as shown on drawings. Installation methods and workmanship shall be as recommended by Reynolds Metals Company.

SYSTEM A—MATERIALS

This extruded coping for 8" thick walls permits a precise architectural finish line, ease of installation and maximum adjustment to building tolerances.

SECTION NUMBER	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
COPING			
3948	2.210	10'-0"	6063-T42

COVER PLATE

5190	1.991	0'-6"	6063-T42
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MITERED CORNER

OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

ACCESSORIES

GUTTER BAR	.080" x 4" x 8 1/4"	3003-H14
3/8" ANCHOR BOLT, NUT & PLATE ASSEMBLY	4" x 4" x 6 1/2"	Galvanized Steel
WASHERS	Aluminum backed neoprene washer	
NEOPRENE COMPRESSION SLEEVE		
SCREWS, SHEET METAL	#10 x 3/4" Aluminum	

This coping may be installed using an anchor plate .190" x 6" x 8" and joint flashing instead of the gutter bar and neoprene compression sleeve.

PREPARATION

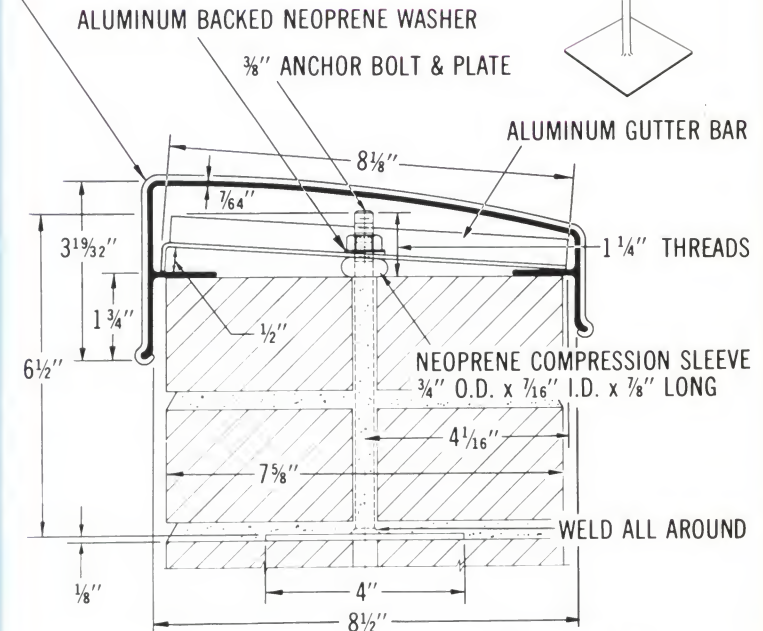
- During masonry or concrete work, place anchor bolts as specified on center line of wall, spacing first bolt 1'-6 1/2" from outside face of corner and 10'-1 1/2" center to center thereafter.
- Masonry or concrete should be level, plumb and true. Verify by striking a level line at base of bolts. Grout as required to level bearing at joints.

INSTALLATION

- Place neoprene compression sleeve, gutter bar and neoprene backed aluminum washer onto anchor bolt and start nut onto bolt.
- Set mitered corner in place.
- Slip cover section 5190 onto mitered corner end. Slip adjacent coping section into place under gutter bar allowing 1 1/2" space between sections.
- Tighten nut, checking coping alignment.
- Slide cover plate over opening and fasten with #10 x 3/4" aluminum sheet metal screws to one coping section only.
- Repeat procedure for each section.

SYSTEM A

ALUM. SNAP-ON JOINT COVER



DETAIL
SCALE: 3" = 1'-0"

SYSTEM A-1—MATERIAL

An extruded aluminum coping of precision and flexibility for mechanically locking roofing felts in place on wood cant strips.

SECTION NUMBER	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
COPING			
3909	1.385	10'-0"	6063-T42

COVER PLATE

5216	1.085	0'-6"	6063-T42
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MITERED CORNER

OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

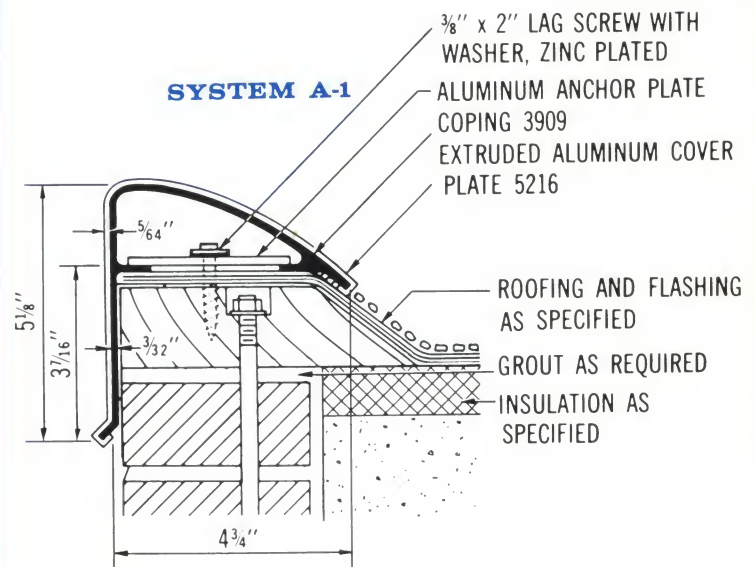
ACCESSORIES

ALTERNATE PREFORMED COVER PLATE*	.040" x 6" x 12" sheet	5005-0
ANCHOR PLATE*	.190" x 3 1/2" x 6"	5005-H18
FLASHING	.020" x 12" x 4"	1100-0 3003-0
SCREWS, LAG	3/8" x 2" w/zinc plated washers	
SCREWS, SHEET METAL	#10 x 3/4" Aluminum	
BOLTS AND NUTS	As specified	1/2" dia. minimum
WASHERS	As specified	

PREPARATION

- During masonry or concrete work, place specified anchor bolts on a line 2 1/2" in from face of wall, spacing bolts as specified by architect to hold cant strip. Masonry or concrete should be level, plumb and true. Verify by striking a level line. Grout or shim to level bearing as required prior to installing cant strip.
- Install treated wood cant strip, level and true, and bolt securely in place.
- Mark lines for screws starting 1'-6 3/4" from outside face of wall at corner, and 10'-1 1/2" on center thereafter. Generally, one shorter length coping is required to complete run to actual building dimension. Proper planning at this time will locate this where most desirable.
- Install flashing strips centered on each screw location.
- Install roof flashing and roofing.

SYSTEM A-1

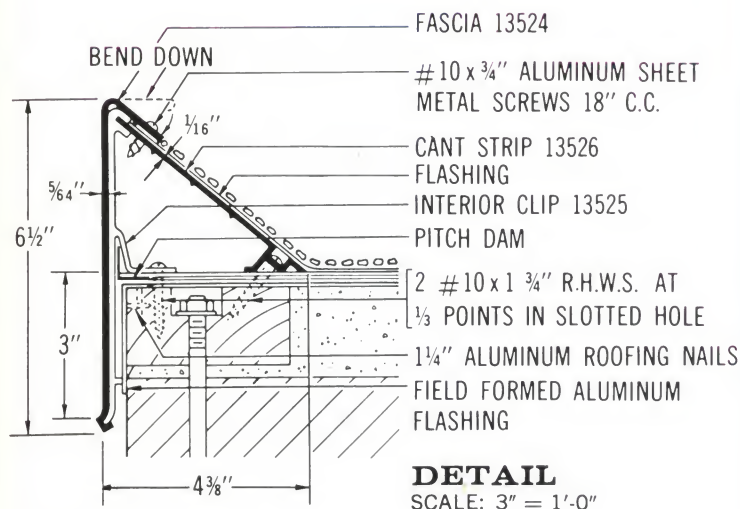


DETAIL
SCALE: 3" = 1'-0"

INSTALLATION

- Set mitered corner in place and loosely screw anchor plate in place using mid point of flashing strips as a guide for locating lag screws.
- Slip cover section #5216 over end of corner coping and slip next coping section into place under anchor plate, allowing 1 1/2" between sections.
- Tighten anchor screw, while checking to assure that coping is aligned.
- Slide cover section over joint opening.
- Repeat this procedure for each section.
- Anchor cover sections with #10 x 3/4" aluminum sheet metal screws on one side only.

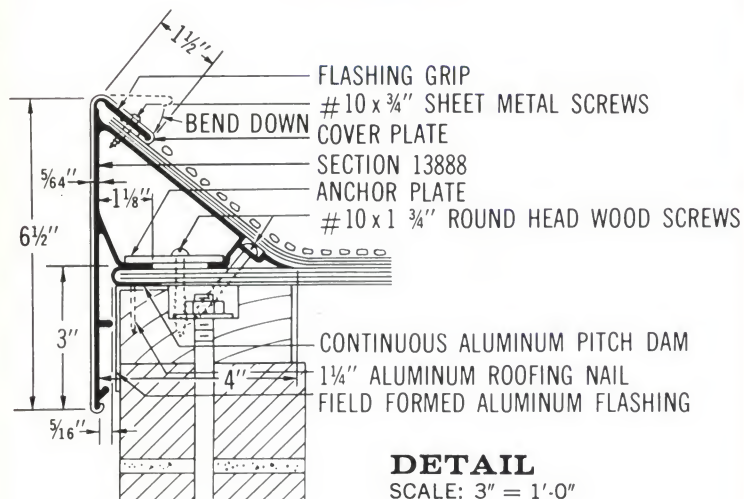
SYSTEM B



INSTALLATION

1. Install 8" clips #13525 at joints 10'-0 1/2" and 3" clip #13525 at third points of the 10'-0" sections. Fasten clips with two #10 x 1 3/4" round head wood screws. Check for alignment of clips.
2. Install cant strip section #13526 by inserting upper end into notch in clip. Secure with #10 x 1 3/4" round head wood screws in slotted holes at third points of cant strip section.
3. Fill recess at base of cant with pitch and apply felt counter flashing strips as specified.
4. Place groove at drip edge of fascia section over lip of interior clip section and rotate to vertical position.
5. Bend top of fascia strip down over interior clip section and secure to cant strip with #10 x 3/4" aluminum sheet metal screws.

SYSTEM B-1



INSTALLATION

1. Anchor welded, mitered corner to wood nailer with #10 x 1 3/4" wood screws through slotted holes in recess at base of cant strip.
2. Loosely screw anchor plate in place at end of corner section.
3. Slip anchor lugs of succeeding 10'-0" section under anchor plate allowing 1/2" between sections for expansion.
4. Secure gravel stop section with wood screws at third points through slots in recess at base of cant strip.
5. Screw anchor plate tight and continue as above for succeeding sections. Lay out lengths to determine most desirable location for short lengths required to hold exact building dimensions.
6. Fill recess at base of cant strip with pitch and apply felt counterflashing strips as specified.
7. Center formed sheet cover plate on joint and slip the lip onto the drip edge of the gravel stop. Bend the upper edge of the cover plate over the flashing grip.
8. Bend the flashing grips down to anchor roofing and tighten the joint covers.
9. Screw cover plate to one side of joint with #10 x 3/4" sheet metal screws.
10. Screw flashing grips down with #10 x 3/4" sheet metal screws at 18" on center.

SYSTEM B-MATERIALS

This well designed assembly provides a rigid extruded cant strip and fascia allowing easy installation. Concealed joint covers and provision for fascia extension give excellent lines and flexibility in design. The fascia is installed after roof is completed.

SECTION NUMBER	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
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FASCIA

13524	.739	10'-0"	6063-T42
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CANT STRIP

13526	.443	10'-0"	6063-T42
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CLIP

13525	.883	0'-3" and 0'-8"	6063-T42
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MITERED CORNER

OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

ACCESSORIES

FLASHING	.020" x 8" x 12"	1100-0 3003-0
SCREWS, WOOD	#10 x 1 3/4" R. H. Aluminum	
NAILS, ROOFING	1 3/4" Aluminum	
BOLTS AND NUTS	As specified	1/2" dia. minimum
WASHERS	As specified	
PITCH DAM	.020" x 4" sheet	1100-0 3003-0

PREPARATION

1. During masonry or concrete work, place anchor bolts as specified on plans.
2. Install treated wood nailers, level, plumb and true.
3. Install continuous aluminum pitch dam.
4. Install flashing strips centered where each joint will occur. These are 1'-6" from the outside face of each corner and 10'-0 1/2" c.c. for each 10'-0" section. Spacing for short sections is length plus 1/2".
5. Install roofing as specified and flatten pitch dam over edge of roofing to provide a smooth, solid surface for gravel stop.

SYSTEM B-1-MATERIALS

An extruded aluminum gravel stop, combined with cant strip and fascia, providing positive locking of the built-up roofing felts.

SECTION NUMBER	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
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GRAVEL STOP

13888	1.551	10'-0"	6063-T42
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MITERED CORNER

OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

COVER PLATE, PREFABRICATED

L-15609	.032" x 4"	3003-H14
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ANCHOR PLATE

L-15610	.190" x 1 3/4" x 4"	3003-H18
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ACCESSORIES

PITCH DAM	.020" x 4" sheet	1100-0 3003-0
FLASHING	.020" x 8" x 12"	1100-0 3003-0
SCREWS, SHEET METAL	#10 x 3/4" Aluminum	
SCREWS, WOOD	#10 x 1 3/4" R.H. Aluminum	
NAILS, ROOFING	1 3/4" Aluminum	

PREPARATION

1. During masonry or concrete work, install anchor bolts as specified.
2. Install treated wood nailers level, plumb and true.
3. Install continuous aluminum pitch dam.
4. Install roofing as specified and flatten pitch dam over edge of roofing to provide smooth solid surface for installation of gravel stop.
5. Install 8" x 12" base flashing at joint locations.

SYSTEM C—MATERIALS

This easily installed economical gravel stop is available in five sizes. Installed with joint flashing and extruded joint covers, weathertight joints are assured.

SECTION NUMBER	A	INCHES B	T	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
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GRAVEL STOP

4632	3½	1	3/32	.839	10'-0"	6063-T42
9852	5	1	3/32	1.052	10'-0"	6063-T42
8972	6½	1	3/32	1.177	10'-0"	6063-T42
12838	7¾	1½	1/8	1.772	10'-0"	6063-T42
13436	6	1½	3/32	1.156	10'-0"	6063-T42
13011	7¾	1	1/8	1.758	10'-0"	6063-T42

SECTION NUMBER	T	INCHES	STANDARD LENGTHS	ALLOY AND TEMPER
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COVER PLATE

4691	1/16		0'-6"	6063-T42
9853	3/32		0'-6"	6063-T42
8973	7/64		0'-6"	6063-T42
12840	3/32		0'-6"	6063-T42
13492	3/32		0'-6"	6063-T42
13012	1/8		0'-6"	6063-T42

MITERED CORNER

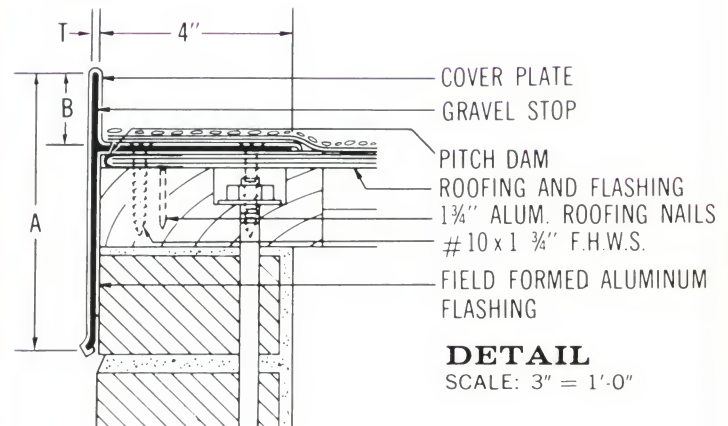
OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

ACCESSORIES

FLASHING	.020" x 12" x 12"	1100-0 3003-0
SCREWS, WOOD	#10 x 1¾" F. H. Aluminum	
SCREWS, WOOD	#10 x 1¾" R. H. Aluminum	
NAILS, ROOFING	1¾" Aluminum	
PITCH DAM	.020" x 4" sheet	1100-0 3003-0

PREPARATION

1. During masonry or concrete work, install anchor bolts as specified.
2. Install treated wood nailers level, plumb and true.
3. Install continuous aluminum pitch dam.
4. Install built-up roofing plies as specified and flatten pitch dam over edge of roofing to provide smooth solid surface for installation of gravel stop.

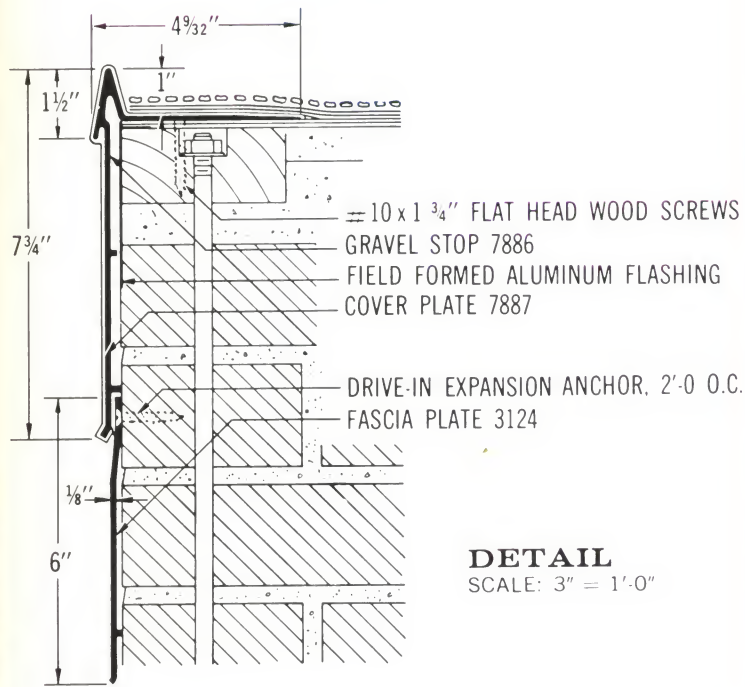
SYSTEM C**DETAIL**

SCALE: 3" = 1'-0"

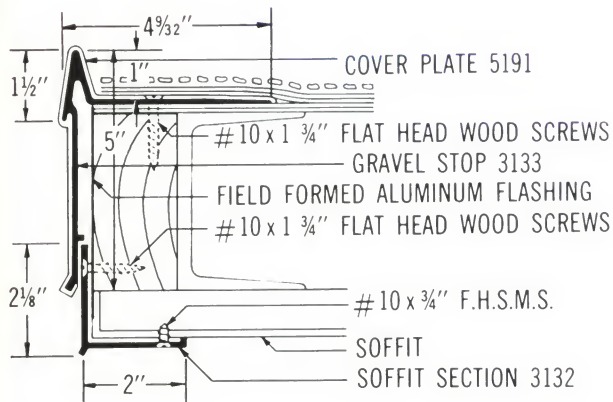
INSTALLATION

1. Center sheet aluminum flashing at expansion joint 1'-6½" from face of corner, nail in place.
2. Screw mitered corner in place.
3. Slide cover plate over end of corner section.
4. Place section of extruded gravel stop next to mitered corner, allow ½" for expansion joint.
5. Anchor gravel stop at center of section with two #10 x 1¾" flat head wood screws. Anchor ends with #10 x 1¾" flat head screws in ½" long slotted holes to permit expansion.
6. Place bed of plastic roofing cement at expansion joint.
7. Slide cover plate over expansion joint and anchor in place with two #10 x 1¾" round head wood screws into ½" expansion space between sections.
8. Repeat procedure for successive gravel stop section installations.
9. Install flashing felts as specified.

SYSTEM D



SYSTEM D-1



SYSTEM D and D-1—MATERIAL

The gravel stop may be used in various combinations with the fascia and soffit to meet different depth of face conditions. The combination provides a superior method of soffit transition.

SECTION NUMBER	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
3133	1.468	10'-0"	6063-T42
7886	1.898	10'-0"	6063-T42

GRAVEL STOP

COVER PLATE

5191	1.026	0'-6"	6063-T42
7887	1.284	0'-6"	6063-T42

SOFFIT SECTION

3132	.610	10'-0"	6063-T42
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FASCIA PLATE

3124	.948	10'-0"	6063-T42
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MITERED CORNER

OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

ACCESSORIES

FLASHING	.020" x 12" x 12"	1100-0 3003-0
SCREWS, WOOD	#10 x 1 3/4" F. H. Aluminum	
SCREWS, SHEET METAL	#10 x 3/4" Aluminum	

PREPARATION

1. Install treated wood nailers level, plumb and true, anchoring to structure as specified.
2. Install continuous aluminum pitch dam.
3. Install roofing as specified and flatten pitch dam over edge of roofing to provide smooth solid surface for installation of gravel stop.

INSTALLATION

1. Miter corners of soffit sections and install to buildings with aluminum screws so that the soffit joints will coincide with the welded corner gravel stop sections. Shim as required to obtain level and true lines. Follow same procedure where fascia plate is used.
2. Anchor straight runs of soffit section at center. Set screws into slotted holes 1/4" long and allow 1/2" expansion joint between sections and fill with aluminum pigmented mastic.
3. Center sheet aluminum at joint 1'-6" from outside face of corner and nail in place.
4. Screw mitered corner in place.
5. Slide cover plate onto end of mitered corner.
6. Place section of extruded gravel stop next to corner section allowing 1/2" for expansion space and anchor gravel stop with two #10 x 1 3/4" flat head wood screws at mid-point of section. Ends should then be anchored through 1/4" long slotted holes permitting expansion.
7. Place bed of plastic roofing cement at joint and slide cover plate over expansion joint. Anchor cover plate with two #10 x 1 3/4" flat head wood screws between the sections at center of joint.
8. Repeat procedure for successive sections.
9. Apply flashing felts as specified.

SYSTEM E

This gravel stop has concealed cover plates, an integral cant strip and provision for fascia depth extensions. The cover plate is installed in slots behind the gravel stop to insure a smooth fascia line.

SECTION NUMBER	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
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GRAVEL STOP

13883	1.408	10'-0"	6063-T42
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FLASHING CAP

13884	0.461	10'-0"	6063-T42
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COVER PLATE

L-15626	.032" x 4"	3003-H14
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FASCIA PLATE

13885	0.461	10'-0"	6063-T42
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SOFFIT SECTION

13919	.680	10'-0"	6063-T42
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ANCHOR PLATE

L-15610	.190" x 1 3/4" x 4"	3003-H18
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MITERED CORNER

OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

ACCESSORIES

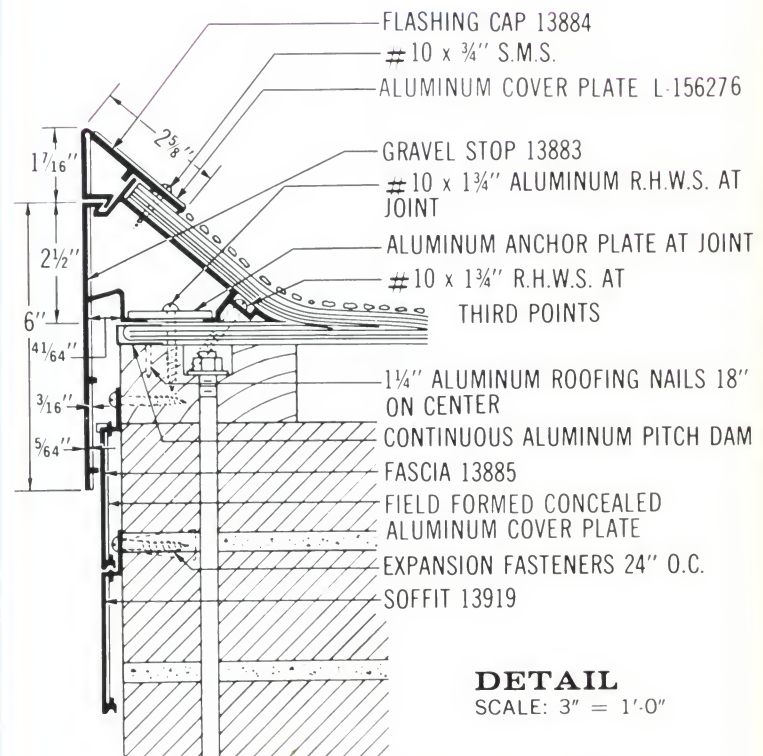
PITCH DAM	.020" x 4" sheet	1100-0 3003-0
FLASHING	.020" x 12" x 12"	1100-0 3003-0
FASCIA JOINT COVER*	.032" x 4" x 6 1/2"	1100-H14 3003-H14
SCREWS, SHEET METAL	#10 x 3/4" R. H. Aluminum	
SCREWS, WOOD	#10 x 1 3/4" R. H. Aluminum	
NAILS, ROOFING	1 1/4" Aluminum	
EXPANSION FASTENER	As specified	

PREPARATION

1. During masonry or concrete work, install anchor bolts as specified.
2. Install treated wood nailers, level, plumb and true.
3. Install continuous aluminum pitch dam.
4. Install roofing plies as specified and flatten pitch dam over edge of roofing to provide smooth solid surface for installation of gravel stop.

INSTALLATION

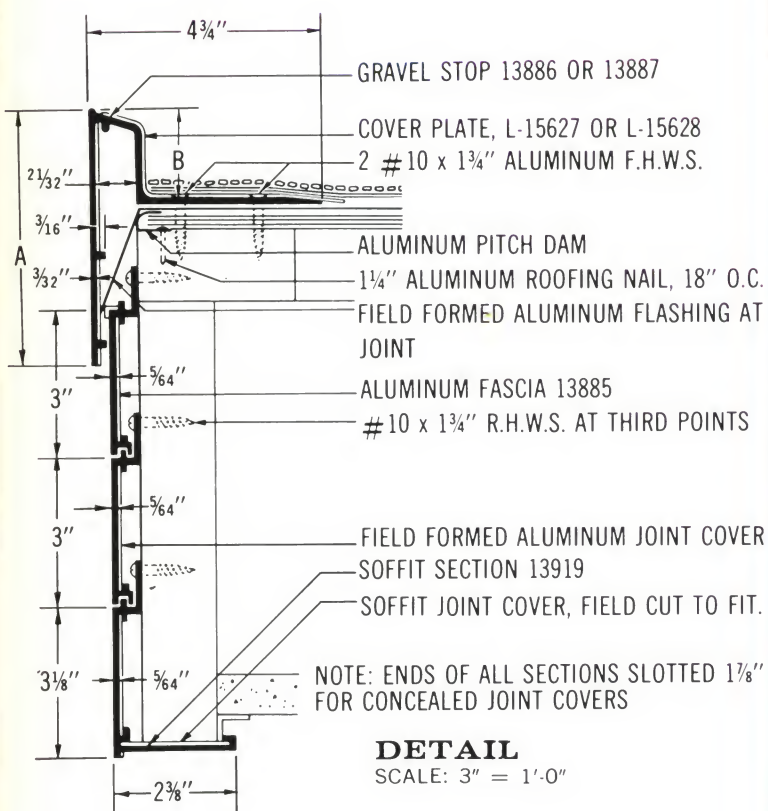
1. Miter ends of fascia sections for neat corner fit and install short corner sections so joints occur at gravel stop joints. Locate center of first joint 1'-5 3/8" from corner and 10'-0 1/2" thereafter. This allows 1/2" for expansion. Anchor fascia sections to wall with suitable fasteners as specified. Flashing may be anchored to wall at joints behind fascia where desired for appearance.
2. Install successive 10' lengths of fascia.
3. Center 12" x 12" aluminum flashings over joint areas and fasten with minimum nailing.
4. Anchor welded, mitered corner to wood nailer with #10 x 1 3/4" wood screws through slotted holes in recess at base of cant strip.
5. Loosely screw anchor plate in place at end of corner section.
6. Slip anchor lugs of succeeding 10'-0" section under anchor plate allowing approximately 1/2" between sections for expansion. Temperature at time of installation may cause a variance in the 1/2" expansion allowance.
7. Secure gravel stop section with wood screws at third points through slots in recess at base of cant strip.
8. Screw anchor plate tight and continue as above for succeeding sections. Lay out lengths to determine most desirable location for short lengths required to hold exact building dimensions.
9. Apply flashing felts as specified.
10. Position flashing cap section #13884 and bend down flange to secure roofing. Fasten with #10 x 3/4" sheet metal screws in "V" slot in recess at base of flashing cap flange.
11. Insert inside cover plates through slots cut at ends of section as indicated in detail. If lengths other than standard are used, slots must be cut by installer.
12. Fasten cover plate with #10 aluminum sheet metal screws to one side of joint.

SYSTEM E

DETAIL
SCALE: 3" = 1'-0"

NOTE: ENDS OF ALL SECTIONS ARE SLOTTED 1 7/8" FOR CONCEALED COVER PLATES

SYSTEM F



INSTALLATION

1. Miter ends of soffit and fascia sections for neat corner fit and install short corner sections so joints occur at gravel stop joints. Locate center of first joint 1'-5 7/8" from corner and 10'-0 1/2" thereafter. This allows 1/2" joint for expansion. Install field formed .032" concealed joint covers as shown. Install successive 10' lengths of soffit and fascia.
2. Center 12" x 12" aluminum flashings over joint areas and fasten with minimum nailing.
3. Anchor mitered corner section in place with aluminum wood screws.
4. Install 10' section of gravel stop next to mitered corner, allowing approximately 1/2" for expansion joint. Extremely high or low temperatures at time of installation will affect actual joint opening. Anchor gravel stop with aluminum wood screws at ends and third points installed through 1/4" long slotted holes located in "V" grooves.
5. Place bed of caulking mastic at expansion joint on all surfaces of gravel stop section except front face.
6. Insert concealed cover plate through slots cut at ends of section. If lengths other than standard are used, slots must be cut by installer. Fasten cover plate to one side of fascia with aluminum sheet metal screws.
7. Repeat procedure for successive sections and apply flashing felts as specified.

SYSTEM F

Both sections 13886 and 13887 have been designed with a concealed joint cover and may be used with fascia extensions or soffit trim. The design of this section provides a rigid, sharp, smooth uninterrupted eave line.

SECTION NUMBER	A INCHES	B INCHES	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
GRAVEL STOP					
13886	4 5/16	53/64	1.095	10'-0"	6063-T42
13887	5 5/16	1 53/64	1.319	10'-0"	6063-T42

COVER PLATE

L-15627	(use with 13886)	.032" x 4"	3003-H14
L-15628	(use with 13887)	.032" x 4"	3003-H14

FASCIA PLATE

13885	.461	10'-0"	6063-T42
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SOFFIT SECTION

13919	.688	10'-0"	6063-T42
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SOFFIT JOINT COVER

FIELD FORMED	.032" x 4"	1100-H14 3003-H14
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MITERED CORNER

OUTSIDE	1'-6" x 1'-6" face	6063-T42
INSIDE	1'-6" x 1'-6" back	

ACCESSORIES

FLASHING	.020" x 12" x 12"	1100-0 3003-0
PITCH DAM	.020" x 4" sheet	1100-0 3003-0
SCREWS, WOOD	#10 x 1 3/4" R.H. & F.H. Aluminum	
NAIL, ALUMINUM	1 1/4" long, roofing	

PREPARATION

1. Install treated wood nailers level, plumb and true, anchoring to structure as specified.
2. Install continuous aluminum pitch dam.
3. Install roofing plies as specified and flatten pitch dam over edge of roofing as shown to provide smooth solid surface for installation of gravel stop.

GRAVEL STOP SYSTEM G

This aluminum gravel stop provides all the features desired by architects and contractors at a very low cost per foot.

The angular ridge gives a crisp shadow line defining the limits of the facade and concealed joint cover with true interlock eliminates projecting covers at each joint. Simple installation with screws requires no slotted holes or pre-spaced anchor bolts, saving labor and supervision costs.

SYSTEM G

SECTION NUMBER	APPROX. WT. LBS./FT.	STANDARD LENGTHS	ALLOY AND TEMPER
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GRAVEL STOP

20972	1.243	10'-0"	6063-T42
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JOINT COVER

20973	.408	6"	6063-T42
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MITERED CORNER

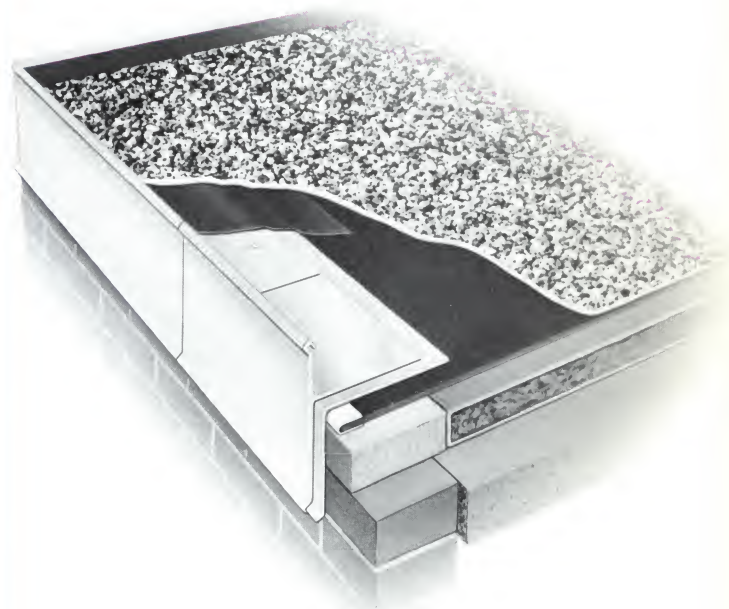
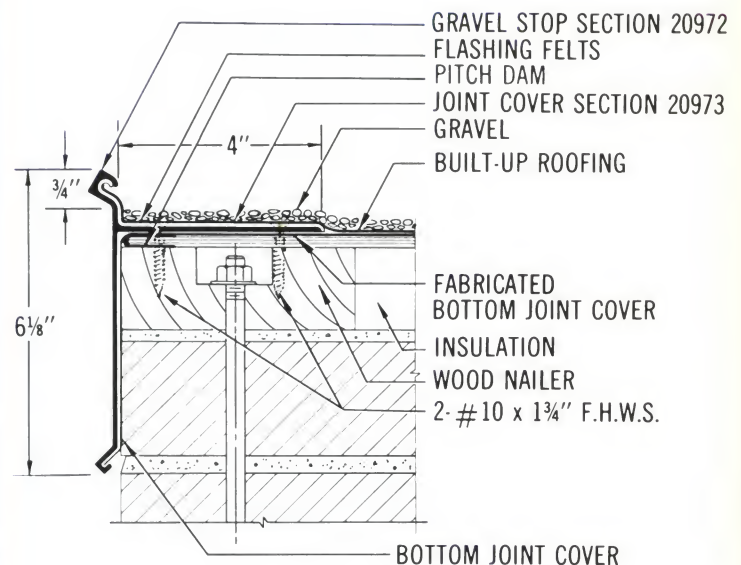
OUTSIDE CORNER	1'-6" x 1'-6" FACE	6063-T42
INSIDE CORNER	1'-6" x 1'-6" BACK	

ACCESSORIES

FABRICATED BOTTOM JOINT COVER	.032" x 9" x 12"	1100-0 3003-0
SCREWS, WOOD	#10 x 1 3/4" F.H.	

PREPARATION

1. During masonry or concrete work, install anchor bolts as specified in plans.
2. Install treated wood nailers, level, plumb and true.
3. Install built up roofing as specified by roofing manufacturer.

**SYSTEM G****DETAIL**

SCALE: 3" = 1'-0"

INSTALLATION

1. Center field formed flashing at expansion joints 1'-6" from face of corner and 10'-0 1/2" thereafter to allow 1/2" for expansion joint.
2. Engage lower edge of flashing into recess in drip of gravel stop and secure mitered corner in place. Allow 1/2" between each section for expansion.
3. Install next gravel stop section anchoring at mid-point of section with two #10 x 1 3/4" flat head wood screws leaving ends free for expansion.
4. Place bed of plastic roofing cement over gravel stop section at each joint. Rotate concealed joint cover into recess in top leg of gravel stop. Anchor joint cover with two #10 x 1 3/4" flat head wood screws in center of expansion joint.
5. Repeat procedure for successive sections and apply felt strip flashing as specified by roofing manufacturer.

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